



THE BANFF CENTRE

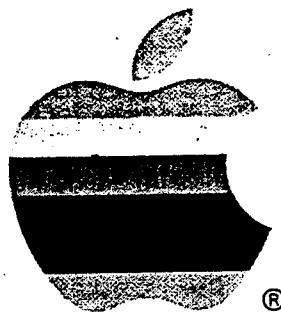
FOR THE ARTS

Presents

**Synch or Stream:
A Banff Centre Summit**

**May 15th - 17th
1999**

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Synch or stream : A Banff Summit

A think-tank on networked audio visual media.

Banff Summits are events that promote discussions and debate. A summit's presentation can be as formal or informal as participants prefer.

Room 204, Jeanne and Peter Lougheed Building (JPL):

Room 204 is a work room, studio and lounge. Participants are welcome to spend time in this environment, taking part in streaming and learning more about streaming media, setting up a web radio station and specific softwares.

Open from 12:00 noon every day until late.

Room 313, Jeanne and Peter Lougheed Building (JPL):

Presentations will take place in this room. Participants are welcome to spend time in this environment as well.

Technical run throughs will take place from 9:00 a.m. to 10:00 a.m. with presentations starting from 10:00 a.m. (as scheduled in the agenda.)

Agenda

Friday, May 14th

7:00p.m. Reception in the Walter Phillips Gallery (Glyde Hall)

Landscape *Works* currently on exhibition. Works by Iain Baxter, curated by Melanie Townsend. We will be joined by international artists participating in the Landscape thematic residency. There will be a bar service at the reception.

Saturday, May 15th

10:00 a.m. - 10:45 a.m. JPL Room 313

Welcome by Sara Diamond and introduction to the event with organizers Susan Kennard, Heath Bunting and Yvanne Faught. Topics of the event will be discussed, led by Sara Diamond.

Why this event?

What do we mean by streamed media?

What are the relationships between converging media, new forms of creativity and new economies?

What are the challenges for current media?

What are the challenges for the Internet as we know it?

Who are the audiences / users / players?

What are the forms of literacies and competencies to succeed?

What are the design, equity and policy challenges?

What concepts describe the practice?

10:45 a.m. - 12:30 p.m. JPL Room 313

Case Studies Across the Ponds: Convergence: Streaming, Across Continents, Across media. What does Streamed Media Bring? Immersion, Expression and interaction.

Moderator: Sara Diamond.

Radio Qualia, Honor Harger, New Relations with News Events, Participatory Audiences, Interventions.

Radio Internationale Stadt, Berlin, Thomax Kaulmann, and the ZKM Archives.

Oz Media, Timothy Childs, 3D Imaging, Video and Streamed Worlds.

Interval Research Corp. Jason Lewis, Text and the WWW.

Moderator: Sara Diamond

12:30 p.m. - 1:30 p.m.

Lunch

1:30 p.m. - 3:15 p.m.

Developing a Streamed Media Economy, Potentials, Rights, Ownership Issues.
Zainub Verjee, video and film distribution now and potential for the future.
Mance Jacoby, rights, shareware, freedom of expression.
Howard Jones, building economies for streamed media.
Timothy Childs, Oz, building a streaming media companies: software meets content.
Peter Wintonick, Virtual Film Festival, Independent producer comments.
Moderator: Sara Diamond.

3:15 p.m. - 3:30 p.m.

Break

From 3:30 p.m. until 5:40 p.m.

Technologies for Streaming: present and future; Part One.
Moderator: Yvanne Faught and Sara Diamond.

3:30 p.m. - 4:30 p.m.

Apple's OpenSource Streaming Session, William Powell, (special one hour presentation and demonstration.)

4:40 p.m. - 5:40 p.m.

William Thomas Rowe, Revamp, an authoring environment.
Howard Jones, MP3, Centre for Streaming Excellence.
Thomax Kaulmann, archiving softwares.

5:40 p.m. - 6:00 p.m.

Issues and debates from the day, what to look for tomorrow.
Moderators: Sara Diamond and Susan Kennard.

9:30 p.m.

Synch or Stream Party at The Knowledge House - see invitations for directions.

Sunday, 16th May

10:00 a.m. - 10:15 a.m.

Summary of Saturday
Moderator: Sara Diamond with organizers.

10:15 a.m. - 11:30 p.m.

Radio 90, Susan Kennard, Heath Bunting, Yvonne Faught
Native America Calling, Joseph Leon
CFUV Radio, Steve MacIsaac
Backspace, Rachel Baker

11:40 p.m. - 12:45 p.m.

Issues in Aboriginal Broadcasting: What's on Aboriginal Radio, What role does it play? What are the implications of going digital?

Joseph Leon,
David Moses,
Jason Lewis
Elaine Bomberry,
Chris Spence

Moderators: Melanie Printup Hope and Sara Diamond.

12:45 p.m. - 2:00 p.m.

Lunch

2:00 p.m. - 3:00 p.m.

Franklin Furnace: A History and New Practice with Pseudo On-Line, their work with Franklin Furnace and other projects, Martha Wilson and Carolina Cruz Santiago.

3:00 p.m. - 4:00 p.m.

ProteinTV, William Thomas Rowe. Ninfomania and ProteinTV.

4:00 p.m. - 4:15 p.m.

Break

4:15 p.m. - 6:15 p.m.

Theorizing the Future: Understanding Streaming, impacts and ideas and the design of the Net, economy, democracy, synchronous / asynchronous.

Honor Harger, RadioQualia,
Martha Wilson, Franklin Furnace,
Maizun Jayoussi, CJSW,
Carolina Cruz Santiago, Pseudo On-Line.

Responses from participants (broadcasters, specialties, multimedia companies.)

Moderators: Sara Diamond and Heath Bunting.

6:15 p.m. - 7:00 p.m.

Walk to the Bow Falls - networking time for participants.

9:00 p.m.

Evening Session, Room 313 JPL.

Case Studies and Artist Presentations.

Case Study : Abbie Phillips and her group: Film, television, music and the potentials of streamed media projects.

Case Study : "The Raven King" Kid's Opera, Mark Morris.

Ken Gregory, "Under the Influence of Ether"
Melanie Printup Hope, Visual and Media artist.

Monday 17th May

10:00 a.m. - 10:15 a.m.

Summary of Sunday

Moderator Sara Diamond with Organizers.

10:15 a.m. - 11:00 a.m.

Streaming 3D images, Oz New Media Creative Projects Case Study, Timothy Childs.

Moderator Sara Diamond

11:00 a.m. - 12:45 p.m.

Streaming: Extreme Futures

Technologies for Streaming: present and future; Part Two.

Heath Bunting

Chris Spence

Lynn Winebarger

Chris Chafe.

Moderator: Susan Kennard

Case study: Streaming for Expeditions, Peter Chrzanowski

2:45 p.m. - 2:00 p.m.

Lunch

2:00 p.m. - 4:30 p.m.

Hike up Tunnel Mountain - networking time for Participants

4:30 p.m. - 5:30 p.m.

The Future of Networked Media: Who, What, How?

Peter Gilbert

Abbie Phillips

Joseph Leon

William Powell.

Summit wrap up with presenters, comments and assistance from audience. Strategic Alliances:

Project and networking ideas from Synch or Stream

Moderators: Sara Diamond and Susan Kennard.

5:30 p.m. - 7:00 p.m.

Final reception, Room 204 JPL

Senior Artist Biographies

Rachel Baker, United Kingdom

Baker is a network artist and webcast engineer. Her net.art projects invert marketing strategies such as competitions, loyalty card incentive schemes, surveys, relationship databases, election-eering. Baker's net.radio projects collaborate with the pioneers of net.radio culture. Her background includes a M.A Design Futures from Goldsmiths College, University of London and a B.A. Hons Interactive Art from Gwent College of Higher Education, South Wales.

Carolina Cruz Santiago, USA

Carolina Cruz Santiago has been involved in the arts for the past six years in various capacities. Recent work includes: Chamber Music America, a national service organization for chamber music; The NAMES Project Foundation/AIDS Memorial Quilt; The Bay Consulting Group with projects with The National Endowment for the Arts Advancement program, The Knight Foundation Magic of Music program, The Pew Charitable Trusts Philadelphia program. Carolina published Manuel Ocampo - Parallel Histories A Curriculum Guide for the Mexican Museum and recently helped produce Making More Waves, an anthology of contemporary Asian-American women writers, with Asian Women United of California. She is currently the Executive Producer for The Performance Channel ChannelP.com on the Pseudo online

network. Carolina holds a Bachelor of Science in Environmental Design and a minor in Art History from the University of California at Davis.

Honor Harger, Australia

Formerly of Adelaide, Australia, now in global transit, Harger is the co-coordinator of r a d i o q u a l i a (<http://www.radioqualia.va.com.au/>). She will speak about r a d i o q u a l i a's initiatives, the role of streaming media within community and artistic contexts, and the relationship between old and new forms of broadcast.

Harger is a writer, designer and format artist, interested in the integration of different types of media within creative communication, technological and art contexts. As an artist and curator she has participated in exhibitions and performances, both in real and networked space, have designed and produced artwork for several creative print projects and have created artwork for online and offline space. Harger's key recent artistic achievements have been, exhibiting at forums such as Ars Electronica, founding online broadcast project r a d i o q u a l i a, and producing the typographical art publication, SPeC. Her key curatorial and organizational accomplishments have been realized through work with Relay, Radio One and Artspace, in New Zealand, and the Australian Network for Art and Technology in Adelaide.

Regarding streamed media, Harger has mainly worked within audio contexts, using the Real Audio software package. Alongside Adam Hyde, she has produced both live and pre-recorded streaming audio artworks/performances. Harger has worked with streaming video, producing artworks for online exhibition contexts such as, BALANCE (Fabrica, Italy), ROAR (Sydney, Australia), bergbau (Adelaide, Australia), Art on the Net (Tokyo, Japan). Harger's writings on streaming appear in such publications such as Artlink, RealTime and Broadsheet (Australia), Crash Media (UK), Polygraph (USA), READ ME (Nettime book, International), and many online contexts.

Maizun Jayoussi, Canada

Jayoussi is currently the Station Manager of CJSW 91FM in Calgary, Alberta. Her previous experience in radio includes Program Director of CJSW from 1992 - 1997 and she also served as a member of the Board of Directors of the National Campus and Community Radio Association for two years.

CJSW Radio is a campus/community radio station dedicated to providing an alternative to commercial radio pablum. This includes programming a wide range of music (everything from jazz to punk rock to hip hop) as well as giving a voice to the voiceless, meaning those who are not represented or misrepresented by the mainstream media. CJSW can be heard 24 hours per day on 90.9 FM throughout Calgary and beyond, and since March 1998 has proudly been broadcasting live worldwide on Real Audio at www.cjsw.com

Howard Jones, United Kingdom

Director of iHAC, an NGO (non-governmental organization) specializing in communications aid initiatives since 1994, responsible for Sarajevo's first internet server, currently active in Cuba, and in the Balkans with the b99.net project. He is also the Director of b99.net, a web station in its formative stages focused on Serb/Russian/Greek communities, a complementary music driven entity to b92. Jones is a partner in Pirate-Radio, fast becoming the portal of choice for London's underground: interFACE, Kool FM etc. He is also the Director of Hot Beer, a production house producing programming for Pirate-Radio and other web 'channels'.

Jones is the architect of CORE, 'web casting house' a confederacy of entities including interFACE, Pirate-Radio and British Telecom to fully explore the educational aspects of net casting, with strong emphasis on credible content to engage young minds.

Joseph Leon, USA

Leon is the Director of Native American Calling, the largest syndicated Aboriginal radio program in North America and the first nationally distributed talk show produced from a Native American perspective. Leon is responsible for coordinating on-air programs and features, assisting in the development of live remote budgets and securing funding for remote broadcasts. Prior to this Leon was the owner/producer of SoundVision Productions, an independent news and feature producer working with Native America Calling, National Native News, Minnesota Public Radio Network, Wisconsin Public Radio, Pacifica News & NPR news. SoundVision also produced independent documentary productions for WGBH - Boston, AIRQS, the Enowkin Center, Kellogg Foundation, Ford Foundation, Tides Foundation and the Seventh Generation Fund. Leon has also worked as a program development consultant for Native News and Entertainment Television and as a news director for WOJB public radio in Wisconsin and KZYX public radio in California.

Jason Lewis, USA

Lewis is a media technologist with a particular interest in new forms of text-driven interaction. After receiving computer/cognitive science & philosophy degrees at Stanford University, he worked at the non-profit Institute for Research on Learning trying to understand how computational technology can be put to effective use within a wide range of educational environments. He then received an M.Phil. degree at the Royal College of Art (RCA) in London. While there he began experimenting with Dynamic Poetry, a combination of traditional & concrete poetry, experimental typography, dynamic interaction and computation. His first commissioned piece, done in conjunction with two RCA colleagues, was shown in London in April of 1995; since then his work has been performed at the Institute for Contemporary Arts in London, been covered in print venues such as I.D. Magazine and Upper & Lower Case, and been featured on literary web-sites such as FUSE, 9X9, and CTheory Multimedia. Presently, he works as a Member of Research Staff at Interval Research Corporation in Palo Alto, CA., developing new ways of working with digital media.

Steve MacIsaac, Canada

Steve MacIsaac has been involved with four different campus/community stations on both sides of the country for the past 11 years. He has been the Program Director for both CKDU FM in Halifax, N.S. and CFUV FM in Victoria, B.C., where he has recently been hired as the Station Manager. He's also a print-junkie, helping with writing, paste-up, layout and design for a number of different not-for-profit publications over the years. CFUV has been broadcasting on Real Audio 24 hours a days since November.

David A. Moses, Canada

Moses is currently the News Director/Reporter for CKRZ FM on the Six Nations Reserve in Southern Ontario. This is a new position Moses has had to build from the ground up without the help or guidance of senior staff. As a one man news department Moses covers all aspects of news, sports, entertainment, culture, political events, interviews and community concerns. During the last two and a half years Moses has traveled from Vancouver (AFN election) to Ottawa (cross border trading) in order to cover issues of concern to all First Nations, broadcasting live reports back to the station. Moses and CKRZ are continuously trying to find new ways to share information with other First Nation radio stations, who like CKRZ, do not have the funds to service their needs. Recently, CKRZ set up a weekly news exchange with KWE radio in Tyendinaga.

He has filed stories with Broadcast News in Toronto for national distribution and the National Native News in Alaska which distributes news globally. In his first year of news service Moses received an honorary mention at the Native American Journalists Association Awards in the U.S. Other credits include the National Institute of Broadcasting and a video journalism courses at the CBC. Moses has a small MIDI studio at home, where he writes and records his own material. Moses' heritage is Lenape (Delaware) from Six Nations and Welsh, he was raised off reserve and lives in Ontario, but also lived in British Columbia. Moses has a BFA honours in theatre from York University and studied voice for five years. He is a singer/songwriter and has been involved with music, theatre and acting both on and off the stage. His degree in theatre gave him experience in both performance and design (set, lighting, sound).

Melanie Printup Hope, USA

Melanie Printup Hope is of Tuscarora descent and was raised on the Tuscarora, an Indian Reservation in western New York State. She earned her bachelor of fine arts degree in graphic design at the Rochester Institute of Technology and her master of fine arts degree in electronic arts at Rensselaer Polytechnic Institute. She lives in Schenectady, New York, where she owns her own graphic design business. She is currently assistant professor of graphic design at The Sage Colleges and has also taught at The Banff Centre for the Arts, Rensselaer Polytechnic Institute, and Skidmore College. Her video, multimedia and installation work has been shown throughout the United States, Canada and Europe. She received a Rockefeller Foundation Intercultural Film/Video/Multimedia Fellowship in 1996 and has received additional awards and fellowships from The New York Foundation for the Arts, The National Endowment for the Arts, The Andy Warhol Foundation for the Visual Arts, The Jerome Foundation, The New York State Council on the Arts and the Lyn Blumenthal Memorial Fund. Her biography has been included in Who's Who of American Women and The World Who's Who of Women.

William Thomas Rowe, United Kingdom

Rowe first realized the huge potential of Internet whilst setting up Indigo, the first 'real' Irish ISP in a frantic three months towards the end of 1995. Having made sure he understood the protocols and parameters that drove and, more importantly, limited this new phenomenon, Rowe returned to London to setup his own company, Protein <http://www.protein.co.uk>, to facilitate a number of online opportunities and creative concepts that he had nurtured during his time in Ireland. Two years later, he runs four other media related companies and is involved in numerous other projects and organizations, some of which include: **ninfomania** (<http://www.ninfomania.com>), the oldest of the "Protein Projects" covering everything from the latest MP3 news to underground film festivals, ninfomania provides an alternative news source for the contemporary digerati who are looking for that "little bit more" in their daily information diet; **proteinTV** (<http://www.proteinTV.com>), an Internet TV channel that is the "jewel of the Protein crown", having received extensive media coverage and industry acclaim for its pioneering programming and use of innovative streaming techniques. Very much fuelled with the ethos: "for the people, by the people", proteinTV enjoys a large numbers of regular viewers to its exclusive monthly "pods" and special one-off live events. Whilst developing a solid business model for the channel to expand, proteinTV has been working on interactive services and inline advertising opportunities, as well as harnessing the higher quality capabilities and possibilities offered by broadband and digital TV; **betacast** (<http://www.betacast.com>), an audio only music site that offers new music to buy or sample from a growing number of independent labels, artists and dj's, as well as regular original music and feature-led programming, exclusive live webcasts and online chat forum; **revamp** (<http://www.revamp.org>), a software based performance sequencer that, through its "superfly jampspace interface", allows complete control of ReBirth, the popular music production product. Still only in beta, when Revamp was put the site for download, it was swamped by the online music community, who responded to its easy of use and polished professional design. Future plans include developing Revamp as a complete stand alone product as well as enhancing the dynamic sampling functions and network capabilities to allow users to "jam" online simultaneously.

Peter Wintonick, Canada

Wintonick is well versed in streaming video on the Internet. Originating in 1994 and 1995, with some important development work done with the support of the Banff Centre for the Arts New Media Initiatives, The Virtual FilmFestival was a year-round interactive emulation of the function and form, the content and craziness, of a real-world international film event - it is part market, part festival, part conference. As the global site for independent film, The Virtual FilmFestival - <http://www.virtualfilm.com> - was publicly accessible to professionals from anywhere in the world. But unlike its analog in the real world, The Virtual Film Festival was on-line, all-the-time, 24 hours a day. The VFF was a festival that never slept.

Participants enjoyed a huge Webplex of multi-user virtual rooms: a collaborative space with a thousand webpages featuring megabytes of live, steaming and streaming Webcasting - the VFF's unique brand of independent get-up-and-gonzo style of web journalism (entertaining insider news, views and interviews) from the world's most important real-life global film events, conferences and festivals (The Montreal Cinema and New Media Festival, Sundance, Toronto, Berlin etc.); as well a virtual press kits, screening rooms, realAudio broadcasts and video-clip downloads, one could schmooze in the real-time net-chat Cinemas and visit the Omni-Sexual RestRoom; check into a Library linking to a cinematrix of the net's best film sites and select databases; one could read The MagNet - The VFF's on-line movie MegaZine. Offbeat, with more attitude than platitude, The MagNet housed information in formation, hot trends in Filmdom, blurbs and bytes from the global mediascape and some very funny Business about the Seventh Art.

The Virtual FilmFestival brought Canadian film, video and mediamakers together, on the World Wide Web, with the international production community. The VFF, as an outstanding fusion of leading-edge Canadian culture and technology, served the art, business and entertainment needs of a planet full of independent film professionals. As a cyberplace to facilitate the production, marketing, distribution and communication needs of creators and producers, and the public, the VFF was one of the first truly interactive full-service film WebPlexes on the Internet.

Also on Wintonick's list of achievements is his Necessary Illusions co-production with the NFB, MANUFACTURING CONSENT: NOAM CHOMSKY AND THE MEDIA; the most successful theatrically launched non-fiction feature in Canadian history. It is a winner of over 20 awards in 50 film festivals, and continues to be broadcast around the world in many languages, beyond its great non-theatrical and educational life. Peter Wintonick was co-producer and co-director (with Mark Achbar.)

Synch or Stream Organizing Artists' Biographies

Heath Bunting, United Kingdom

From Bristol, England, Bunting's digital works have travelled around the developed world. They organized digital chaos, held in a pub in Bath in 1996 and Anti with E at Backspace in London the following year. Intentionally difficult to pin down, they have presented their works (including at Documenta X) and lectured throughout Europe. Each month they change their email address as an attempt to subvert investment and rationalization.

Sara Diamond, Canada

Diamond is an award winning television and new media producer/director, video artist, curator, critic, teacher and artistic director. Born in New York City, Diamond has resided in Western Canada and has represented Canada at home and internationally for many years. She is currently the Artistic Director, Media and Visual Arts and Executive Producer, Television and New Media at The Banff Centre for the Arts. In recent years Diamond has worked increasingly with research and development projects in software, has consulted in developing interactive media curriculum and events and has created think tanks that bring together cultural industries, new media content producers, artists and investors. The Co-Production and Deep Web projects that she has initiated at The Banff Centre for the Arts have resulted in key international projects in television and interactive media. Diamond programs new media events for the prestigious Banff Television Festival and develops the extensive Multimedia Institute at The Banff Centre.

As an artist, her video tapes and installations have been screened in and collected by galleries, festivals, classrooms and broadcasters worldwide. Diamond has recently completed a history of computer arts in Western Canada, in addition to curating the exhibition, Cyber Heart, at the Banff Centre. She won the 1995 Bell Canada award.

Presently, she is working with international environments to present interactive media seminars, conferences and exhibitions.

Yvonne Coquisse Faught, Canada

Yvonne Faught is originally from Cowichan Station, on Vancouver Island. Faught was first introduced to the wonders of internet radio while working in Banff. Since then she has become a member of Radio 90 and co-founded <CCS> and CCS 3000. She has travelled to net.radio conferences abroad as well as participated remotely in international festivals from the Radio 90 studio. Faught is currently lost in Toronto, Ontario, and volunteering at CIUT, the University of Toronto's campus/community radio station.

Susan Denise Kennard, Canada

Prior to coming to Banff, Kennard worked for Dateline NBC New York, CBC Newsworld, campus/community radio stations throughout Canada, CBC Radio and has held two terms as the Vice-President the National Campus/Community Radio Association. She has an on going interest in independent community based media and has written and produced a number of independent video documentaries about media and censorship in Canada. Susan is currently at The Banff Centre for the Arts, producing the New Media Institute stream of programming.